

FIG. 1

2 / 5

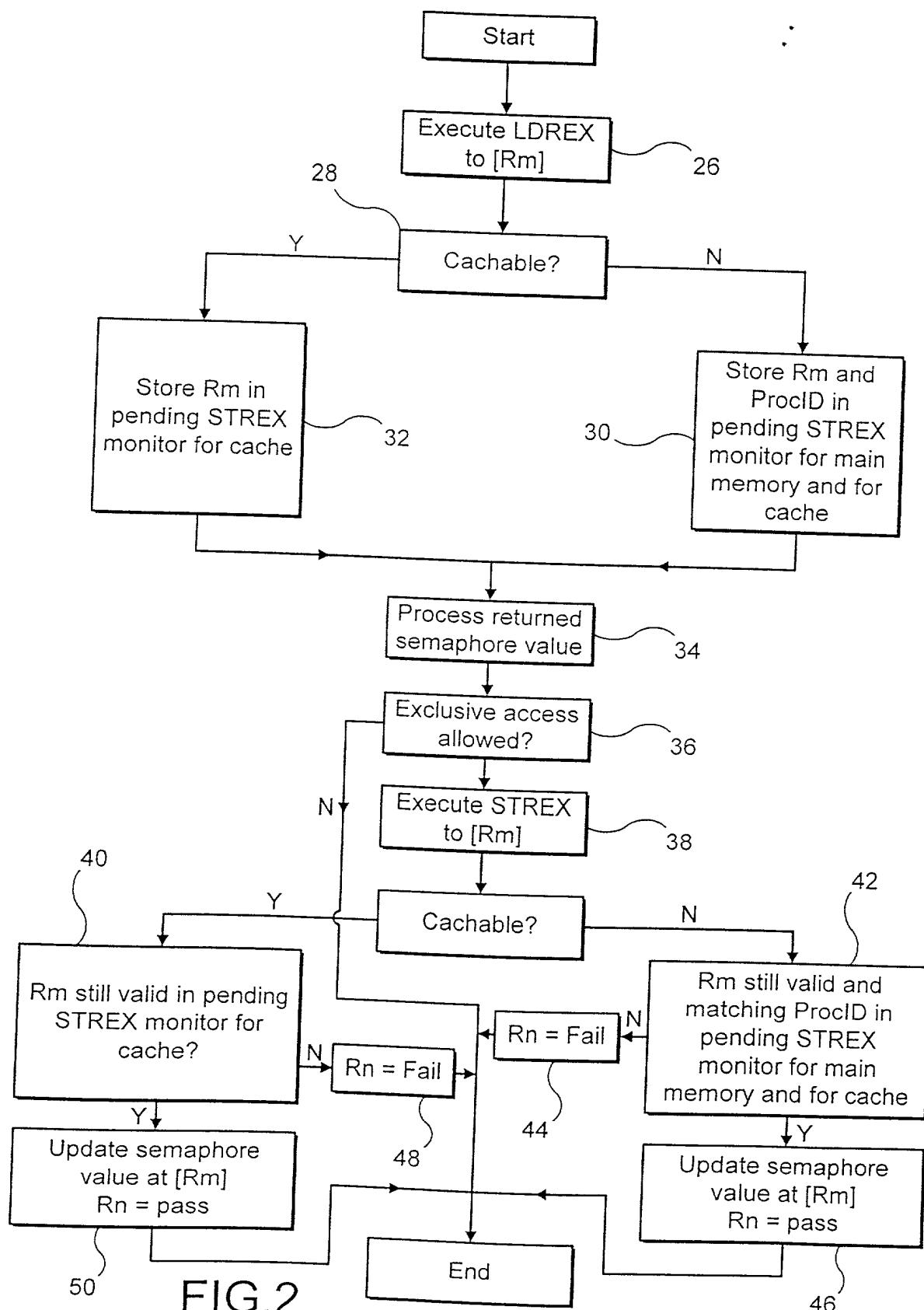


FIG.2

3 / 5

Try again

LDREX Rd, [Rm]

CMP Rd, #Z

BNE [Try again]

{ Set up desired new
semaphore value in Rd }

STREX Rd, Rn, [Rm]

CMP Rn, #0

BNE [Try again]

Time window
for competing
access

FIG.3

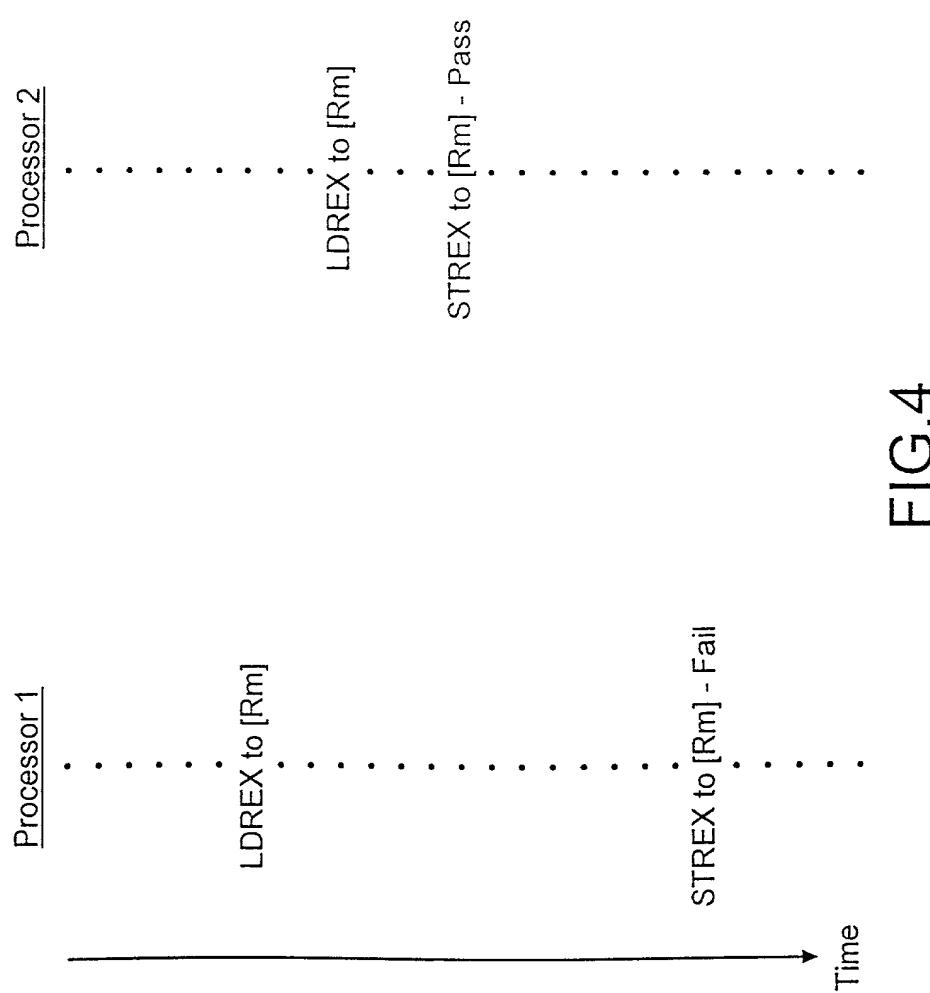


FIG. 4

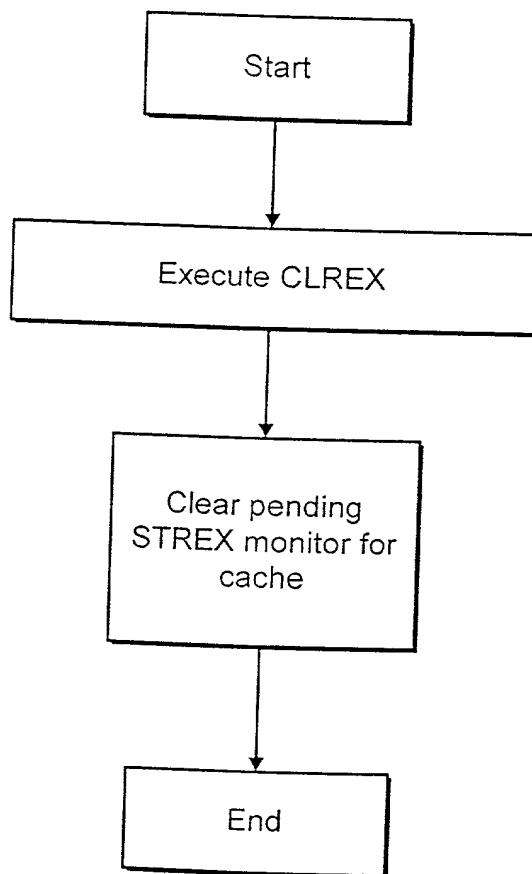


FIG.5